

REMARKS

I. Status of the Application

Claims 1-10 are pending in the present application. Claims 11-20 are newly added. Claims 1 and 9 are currently amended. Claims 1-2 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over PCT/US97/08269 (WO 97/44912) to Andrews ("Andrews") in view of U.S. Patent No. 6,229,993 to Greenway et al. ("Greenway"). Item 11 on page 4 of the Action does not state that Claims 4-10 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Andrews in view of Greenway. However, based on the discussion on pages 6-8 of the Action, it is assumed for purposes of this response that Claims 4-10 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Andrews in view of Greenway. Claim 3 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Andrews and Greenway in further view of U.S. Patent No. 6,283,777 to Canova et al. ("Canova").

The drawings and the specification have been objected to on page 2 and 3 of the Action.

II. Objections to the Drawings and Specification

In response to the objection to the drawings, the specification has been amended to include the reference characters not mentioned in the description.

In response to the objection to the specification, amendments have been made to address the use of the trademark BLUETOOTH and to correct the other informalities noted on page 3 of the Action.

Accordingly, Applicants request that the objections to the drawings and the specification be withdrawn.

III. The Section 103 Rejections

Amended independent Claim 1 recites a radio communication terminal including:

- a user input and output interface;
- a terminal core including a main terminal printed circuit board carrying electronic circuits with data processing means for controlling terminal functions, a display, and a system connector;

a cover connector connected to the data processing means;
and

a releasable cover carrying an auxiliary functional member and a terminal connector connected to the auxiliary functional member; wherein the cover connector and terminal connector are configured to provide a communicative connection for the auxiliary functional member of the cover to the data processing means of the terminal core,

wherein the terminal core comprises an additional keyboard printed circuit board supporting a terminal keyboard, connected to the electronic circuits, and wherein the cover connector is disposed on the additional printed circuit board, wherein the display is connected to the main terminal printed circuit board so that the releasable cover is configured to be removed from the main terminal printed circuit board and from the display.

Claim 9 is directed to a terminal core and recites that "the terminal core comprises an additional keyboard printed circuit board supporting a terminal keyboard, connected to the electronic circuits, and wherein the cover connector is disposed on the additional printed circuit board, wherein the display is connected to the main terminal printed circuit board."

The Action concedes that Andrews fails to disclose an additional keyboard printed circuit board ("PCB"). The Action then cites Greenway as proposing a separate keyboard PCB at **Figure 5**, reference number 14, and concludes that it would have been obvious to one of ordinary skill in the art to incorporate an additional keyboard PCB in the terminal core of Andrews based on Greenway. *See* the Action, page 5.

Applicants submit that both Andrews and Greenway propose a keypad and a display carried by a common PCB. In contrast, as recited in Claims 1 and 9, the display of the current invention is attached to the main PCB, and the terminal core includes an additional keyboard PCB that supports a terminal keyboard.

In particular, Andrews discusses a keypad 18 and a display 20 in the cover (Andrews, page 5, lines 9-10). Greenway proposes a single "display and keyboard PCB 14" (col. 2, lines 18-20, **Figure 5**). Nothing in Andrews or Greenway suggests arranging the keypad on a PCB that is separate from the PCB to which the display is attached. Therefore, neither Greenway nor Andrews teach or suggest a display that is attached to the main PCB, and an additional keyboard PCB that supports a terminal keyboard as recited in Claim 1 and 9.

Moreover, the advantages of certain embodiments of the present invention are not appreciated by Andrews or Greenway. Because the cover of Andrews also includes the keypad 18 and display 20, if an end user merely wants to change the cover for aesthetic reasons, it may be costly to also change the keypad and display. Attaching the display to the main PCB as recited in Claims 1 and 9 may also result in a more compact design than that proposed by Greenway or Andrews.

In view of the foregoing, Applicants respectfully submit that the cited references fail to teach or suggest the subject matter of independent Claims 1 and 9 and Claims 2-8 and 10 depending therefrom. For at least these reasons, Applicants request that the rejections based on § 103 be withdrawn.

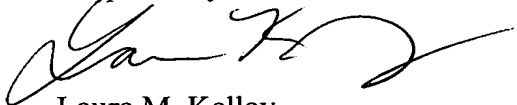
IV. Claims 11-20 are Patentable over Andrews and Greenway

Claims 11-20 are newly added and are patentable for reasons similar to those discussed with respect to Claims 1-10. Accordingly, Applicants respectfully request allowance of Claims 11-20.

V. Conclusion

Applicants respectfully submit that, for the reasons discussed above, the references cited in the present rejections do not disclose or suggest the present invention as claimed. Accordingly, Applicants respectfully request allowance of all the pending claims and passing this application to issue. If further informalities are noted, the Examiner is encouraged to contact the undersigned by telephone to expedite allowance of the present application.

Respectfully submitted,



Laura M. Kelley
Registration No. 48,441

In re: Frohlund et al
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Customer No. 54414
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401

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Carey Gregory